California City County
Street Light Association

General Rate Case Review

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Alison Lechowicz
Utility Rate Economist
Lechowicz & Tseng Municipal Consultants
alison@ltmuniconsulants.com
510-545-3182
General Rate Case Overview

Regulatory case

Business plan

Court case

Customer involvement

General Rate Case - 3 year rate plan
General Rate Case
Rate Case Timeline

- PG&E filed its application June 30, 2016
- CALSLA testimony filed on March 15, 2017
- Revenue allocation settlement filed October 26, 2017
- Street light rate design settlement filed January 4, 2018
- Testified in court on March 1, 2018
- Held dimmable street light and ancillary device workshop on March 7, 2018
Rate Case Issues

• Energy rates ($/kWh)
• Facilities charges for utility-owned lamps
• Conversion to LED
• Dimmable street light program
• Traffic control rates
Street Light Rate Background

1) Energy rate ($/kwh)

2) Facilities charge - ownership matters! ($/lamp)
   1) LS-1: owned by utility
   2) LS-2: customer owned
Street Light Rates Continued

Energy rate ($/kwh): cost of generating and transmitting power

Facilities charges:

<table>
<thead>
<tr>
<th>LS-1 Facilities Charge</th>
<th>LS-2 Facilities Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost of PG&amp;E administration including billing</td>
<td>Cost of PG&amp;E administration including billing</td>
</tr>
<tr>
<td>Cost of maintenance</td>
<td>NA</td>
</tr>
<tr>
<td>Rental of the street light</td>
<td>Rental of the street light</td>
</tr>
<tr>
<td>Cost of the eventual replacement of the lamp at end of life</td>
<td>Customer responsibility</td>
</tr>
</tbody>
</table>

Now based on LED as the standard lamp
PG&E
100 Watt HPSV Street Light Monthly Bill

Monthly Bill

$16
$14
$12
$10
$8
$6
$4
$2
$0

$13.41

$6.56

$6.85

LS-1A (PG&E Owned)

$6.77

$6.56

$0.21

LS-2 (Customer Owned)

Energy Charges

Facilities Charges
100W HPSV to 34W LED (OLD)

- $4.78 energy savings
+ $2.81 LED fee
$1.97 Savings

100W HPSV to 34W LED (NEW)

$4.78 energy savings
Rate Design Settlement

- LS-2 customer service fees are proposed to remain the same ($0.21/month per lamp)
- LS-1A facilities charges are proposed to increase slightly
- LS-1 LED rates are proposed to decrease dramatically
- +0.7% increase to the street light energy rate
- Proposed 24% increase to traffic controls → 0.03% decrease
Dimmable Lamps and Devices

• Have been working on this issue since 2011 Rate Case
• 2011 and 2014 Pilots were limited in scope → fixed dimming schedules
• Accepted fixed dimming in this GRC with caveats
  • March 7 workshop
  • Feasibility study

Ultimate Goal: Fully adaptive metered rate
March 7 Workshop

- Attendees: PG&E customer service and rate design, CALSLA, local agency customers, and vendors
- Demonstrated customer interest and enthusiasm
- Described types of applications and technologies
- Described lessons learned from SDG&E

- Outcome – PG&E will submit a feasibility study for 2020 GRC to be filed August 2018 (planned)
Ongoing issues and considerations

- Small devices attached to lamps
  - 150 watt cap for unmetered devices
  - Larger wattage devices forced to pay $125/device for “hockey puck” meter → roll into ancillary device program?
- As of April 11, LED rebates are discontinued in PG&E territory
  - Ex-Ante review team decision
  - Outside of the rate case process
Next Steps

- Monitor Phase 2 filings – rate design settlement accepted by the Judge
- Review the 2020 case to be filed late this summer for discussion of the dimmable/ancillary device feasibility study
- Monitor service issues related to current dimmable program
- Further investigate LED rebates
Questions